

Notice of Allowability	Application No.	Applicant(s)	
	10/613,585	MA, HAO-YUN	
	Examiner	Art Unit	
	Tho D. Ta	2833	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to interview summary dated 10/26/04.
2. ☒ The allowed claim(s) is/are 1 and 6-12.
3. ☒ The drawings filed on 02 July 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☒ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>7/2/03</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Tho D. Ta
THO D. TA
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Wei Te Chung on 10/26/04.

2. The application has been amended as follows:

1. (Currently amended) An electrical connector assembly comprising:
an electrical connector comprising a plurality of electrical contacts
and an insulative housing receiving the contacts therein, the
housing defining at least one chamber in a middle portion of an end
thereof and has a securing portion at an opposite end thereof;
a pick up cap defining comprising a planar body with a sufficiently
large upward top face thereof for suction, said planar body parallel
to a top of the housing, at least one mounting portion at an end of
the planar body, and at least one latch arm at an opposite end of
the planar body, the at least one mounting portion pivotably
engaging in the at least one chamber, and the at least one latch
arm resiliently engaging with the securing portion;

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wherein a lip is formed in a middle of the end of the planar body,
and a pair of spaced latch arms extends downwardly inwardly from
a bottom of the lip;

wherein the securing portion has an engaging wall for engaging
with the latch arms of the pick up cap;

wherein a pair of steps is formed at each of two opposite lateral
sides of the housing;

wherein a pair of tabs is formed at each of two opposite lateral
sides of the planar body, each tab being attached on one of the
steps of the housing.

2. Cancelled
3. Cancelled
4. Cancelled
5. Cancelled
6. (Original) The electrical connector assembly as claimed in claim 1,
wherein a pair of spaced tails is formed at the end of the planar
body, and a pair of mounting portions extends arcuately from a
bottom of the corresponding tails.

7. (Original) The electrical connector assembly as claimed in claim 6, wherein a pair of spaced recesses is defined in portions of the housing above the chambers, the recesses in communication with the chambers and receiving the tails of the pick up cap.
8. (Currently amended) An electrical connector assembly comprising:
an electrical connector including an insulative housing with a plurality of contacts therein; and
a pick up cap defining a planar body with a sufficiently large upward top face thereof for suction, said pick up cap including an end section pivotally assembled to one portion of the housing, and another portion opposite to said end section fixedly attaching to the housing for holding said pick up cap in a horizontal position relative to the housing;
wherein said end section is detachable from said portion of the housing so as to allow complete removal of the pick up cap from the housing.
9. (Original) The electrical connector assembly as claimed in claim 8, wherein said end section is allowed to be released from the housing when said pick up cap is upwardly moved from said horizontal position to a non-horizontal position.

10. (Original) The electrical connector assembly as claimed in claim 8, wherein said pick up cap covers a gravity center of the connector.
11. (Currently amended) An electrical connector assembly comprising:
an electrical connector including an insulative housing with a plurality of contacts therein, said housing defining a mounting section thereof, and
a pick up cap defining a planar body with a sufficiently large upward top face thereof for suction, said pick up cap including a mounting leg mounted to said mounting section, and another portion spaced from said mounting leg fixedly attaching to the housing for holding said pick up cap in a final horizontal position relative to the housing, wherein
said mounting section and said mounting leg are configured to have the mounting leg assembled to the mounting section in an either non-linear or non-vertical way during mounting said pick up cap to housing from an initial installation position to said final horizontal position; wherein
said mounting leg is detachable from said mounting section of the housing so as to allow complete removal of the pick up cap from the housing.

12. (original) The assembly as claimed in claim 11, wherein said mounting leg is rotatably assembled to the mounting section.

3. The following is an examiner's statement of reasons for allowance: In regard to claim 1, the prior art fails to provide, teach or suggest the at least one mounting portion pivotably engaging in the at least one chamber, a lip is formed in a middle of the end of the planar body, and a pair of tabs is formed at each of two opposite lateral sides of the planar body, each tab being attached on one of the steps of the housing. In regard to claim 8, the prior art fails to provide, teach or suggest the pick up cap including an end section pivotally assembled to one portion of the housing, the end section is detachable from the portion of the housing so as to allow complete removal of the pick up cap from the housing. In regard to claim 11, the prior art fails to provide, teach or suggest the mounting section and the mounting leg are configured to have the mounting leg assembled to the mounting section in an either non-linear or non-vertical way during mounting the pick up cap to housing from an initial installation position to the final horizontal position; wherein the mounting leg is detachable from the mounting section of the housing so as to allow complete removal of the pick up cap from the housing.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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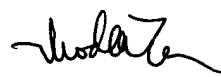
accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tho D. Ta whose telephone number is (571) 272-2014. The examiner can normally be reached on M-F (8:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on (571) 272-2800 ext 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

tdt
10/26/04


THO D. TA
PRIMARY EXAMINER